

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	3	US-4560489-\$ DID, OR WO-2004029184-\$ DID.	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 08:58
L5	2	"7452850".pn.	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:22
L6	13	buffer adj particle and lubricant and gear	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:25
L7	8	6 and @ad<"20040324"	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:25
L8	4	7 and diameter	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:25
L9	1	buffer adj particle and lubricant and calcium adj sulfonate	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:27
L10	3	buffer with particle and lubricant and calcium adj sulfonate	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:27
L11	3	buffer with particle and lubricant and (calcium or alkaline) near sulfonate	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:28
L12	18	buffer with particle and lubricant and (calcium or alkaline) with sulfonate	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:28
L13	7	12 and @ad<"20040324"	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:28
L14	526	lubricant and particle with gear	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:31
L15	217	14 and @ad<"20040324"	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:31
L16	21	15 and particle adj diameter	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:31

L17	3	16 and "508".clas.	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:32
L18	0	17 and calcium adj sulfonate	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:34
L19	0	17 and sulfonate	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:34
L20	264	gear and fine adj particle and (lubricant or lubricating)	US-PGPUB; USPAT; USOOR; DERWENT	OR	OFF	2009/09/18 09:36
L21	124	20 and @ad<"20040324"	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:36
L22	5	21 and calcium adj sulfonate	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:36
L23	28	21 and thicken\$4	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:41
L24	15889	lubricant and (fine or buffer) adj particles	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:43
L25	307	24 and "508".clas.	US-PGPUB; USPAT; USOOR; DERWENT	OR	ON	2009/09/18 09:43
L26	154	25 and @ad<"20040324"	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:44
L27	39	26 and gear	US-PGPUB; USPAT; USOOR	OR	ON	2009/09/18 09:44
L28	35	oil and (thickener or thicken \$4) and calcium adj sulfonate and calcium adj (carbonate or borate) and particle	USPAT	OR	OFF	2009/09/18 10:17
L29	79	oil and (thickener or thicken \$4) and calcium adj sulfonate and calcium adj (carbonate or borate) and particle	US-PGPUB; USPAT; USOOR, EPO, JPO, DERWENT	OR	OFF	2009/09/18 10:17
L30	109	oil and (thickener or thicken \$4) and calcium adj sulfonate and calcium adj (carbonate or borate) and particle	US-PGPUB; USPAT; USOOR, EPO, JPO, DERWENT	OR	ON	2009/09/18 10:17

L31	73	30 and @ad<"20040324"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/18 10:17
L32	11	31 and buffer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/18 10:18
L33	62	31 not 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/18 10:28
L34	694	(508/387,390,391).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/18 11:49
L35	773	(508/459,460,462).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/18 11:50
L36	1354	34 or 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/18 11:50
L37	376	36 and calcium adj sulfonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 11:51
L38	212	37 and @ad<"20040324"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 11:51
L39	68	38 and calcium adj (carbonate or sulfonate adj complex)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 11:52
L40	30	39 and thicken\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 11:52
L41	30	40 and oil	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 11:52
L42	20	40 and particle	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 11:53
S1	1	(lubricant or lubricating) and calcium adj sulfonate with thicken\$4 and buffer and gear	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:45
S2	20	(lubricant or lubricating) and calcium adj sulfonate with thicken\$4 and gear	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:45
S3	10	S2 and @ad<"20040324"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:46
S4	4	S3 and carbonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:47
S5	0	S4 and particle with diameter	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:47

S6	4	S4 and particle	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:47
S7	4	S3 and calcium adj borate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/18 08:53

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